

WHAT IS CLAIMED IS:

1. An image reading apparatus comprising:

a light transmitting member on which an original is placed;

5 image reading means, scanned along said light transmitting member, for reading an image of the original via said light transmitting member;

a control board, connected to said image reading means, which controls reading scanning of said image reading means; and

an interface connector, connected to an external device, which transmits an output signal from said control board to the external device,

wherein said control board is integral with said image reading means, and said control board is connected with said interface connector by a flexible interface cable which transmits a signal of the interface.

2. The image reading apparatus according to claim 1, wherein said light transmitting member is surrounded by a frame, and said flexible interface cable is provided along an inside wall of the frame.

3. The image reading apparatus according to claim 2, wherein said interface connector is provided on the side of end position of said image reading means, and wherein when said image reading means is in a home position,

said flexible interface cable is hidden under said frame around said light transmitting member.

4. The image reading apparatus according to claim 1,  
5 wherein said flexible interface cable is a flat cable, and a wider surface of said flat cable is set along a vertical direction to a surface of said light transmitting member.

10 5. The image reading apparatus according to claim 1, further comprising drive means for driving said image reading means,

wherein said drive means is integral with said image reading means.

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6. The image reading apparatus according to claim 1, wherein an operation switch which operates said image reading means is integral with said image reading means.

20 7. The image reading apparatus according to claim 1, wherein said interface is a USB interface.

8. The image reading apparatus according to claim 1, wherein said interface is an IEEE1394 interface.

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9. An image reading apparatus comprising:  
a light transmitting member on which an original

is placed;

image reading means, scanned along said light transmitting member, for reading an image of the original via said light transmitting member;

5 a control board, connected to said image reading means, which controls reading scanning of said image reading means; and

an interface which transmits an output signal from said control board to an external device,

10 wherein said control board is integral with said image reading means, and wherein the output signal from said control board is a signal of said interface.

10. The image reading apparatus according to claim 9,  
15 wherein said interface is a USB interface.

11. The image reading apparatus according to claim 9, wherein said interface is an IEEE1394 interface.

20 12. The image reading apparatus according to claim 9, wherein said interface is a wireless communication interface.

13. The image reading apparatus according to claim 12,  
25 wherein a power supply is a battery.

14. The image reading apparatus according to claim 13,

wherein said power supply is integral with said control board and said image reading means.

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